

FIG. 2

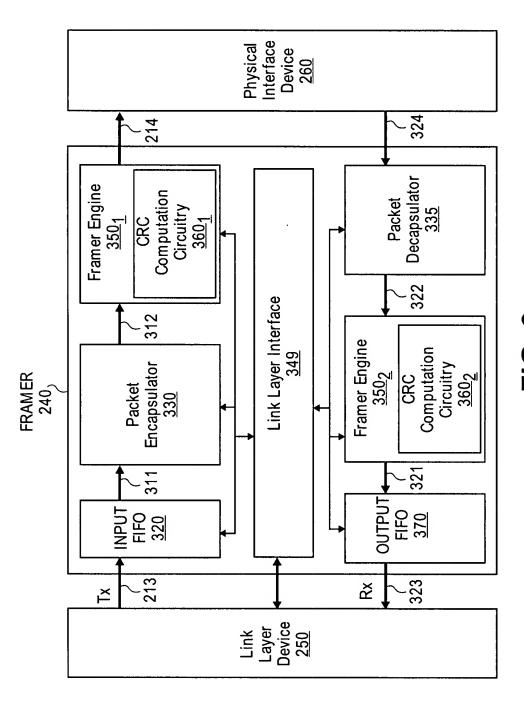


FIG. 3

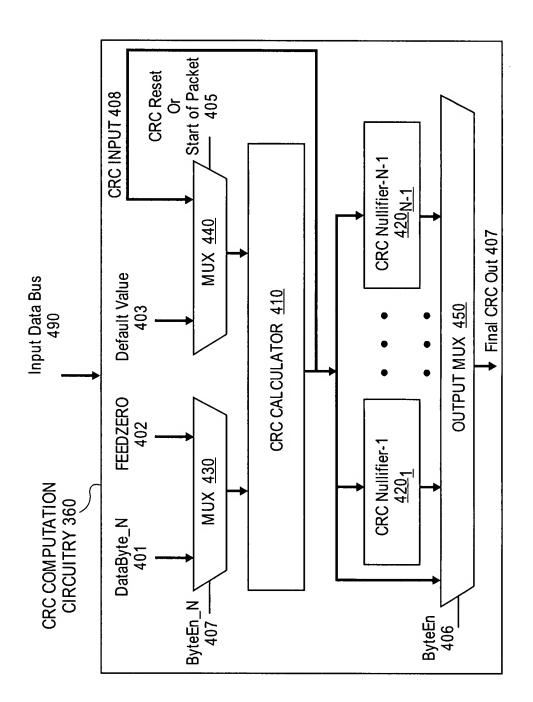
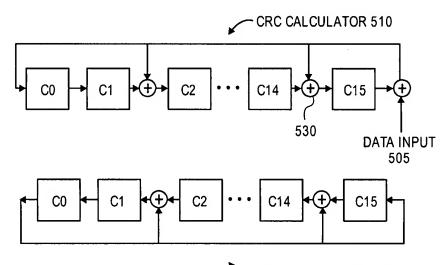


FIG. 4

APPLICATION NO. 10/802,519 REPLY TO OFFICE ACTION OF JANUARY 16, 2007 REPLACEMENT SHEET



CRC CALCULATOR 520

FIG. 5

Bus Width	CRC Calculator # of XOR Gates	CRC Nullifier # of XOR Gates
128	2496	512
64	1376	576
56	1280	544
48	1056	448
40	928	512
32	800	384

FIG. 6A

Bus Width	Architecture of Fig. 1B # of XOR Gates	Architecture of Fig. 4 # of XOR Gates
128	22,819	9,784
64	6,830	3,996
32	2,128	1,586

FIG. 6B

